

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|-----------------------|--------------------|------------------|---------|------------------|
| S1 | 15208 | myocardial infarction | US-PGPUB; USPAT | ADJ | OFF | 2007/10/14 10:36 |
| S2 | 9019 | src | US-PGPUB; USPAT | ADJ | OFF | 2007/10/14 10:37 |
| S3 | 18 | S1 same S2 | US-PGPUB; USPAT | ADJ | OFF | 2007/10/14 10:37 |
| S33 | 28964 | myocardial infarction | US-PGPUB; USPAT | ADJ | OFF | 2007/10/14 10:36 |
| S34 | 18592 | src | US-PGPUB; USPAT | ADJ | OFF | 2007/10/14 10:37 |
| S35 | 1456 | S34 near5 inhibit\$ | US-PGPUB; USPAT | ADJ | OFF | 2007/10/14 10:37 |
| S36 | 73 | S33 same S34 | US-PGPUB; USPAT | ADJ | OFF | 2007/10/14 10:38 |
| S37 | 42361 | infarct\$ | US-PGPUB; USPAT | ADJ | OFF | 2007/10/14 17:35 |
| S38 | 18592 | src | US-PGPUB; USPAT | ADJ | OFF | 2007/10/14 17:35 |
| S39 | 1456 | S38 near5 inhibit\$ | US-PGPUB; USPAT | ADJ | OFF | 2007/10/14 17:35 |
| S40 | 297 | S39 and S37 | US-PGPUB; USPAT | ADJ | OFF | 2007/10/14 17:35 |
| S41 | 18 | S39 same S37 | US-PGPUB; USPAT | ADJ | OFF | 2007/10/14 17:35 |

11/18/02

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:41:25 ON 15 OCT 2007

=> fil .bec

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 10:41:46 ON 15 OCT 2007
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11 FILES IN THE FILE LIST

=> s myocardial infarct?

FILE 'MEDLINE'

263668 MYOCARDIAL

188777 INFARCT?

L1 141435 MYOCARDIAL INFARCT?

(MYOCARDIAL (W) INFARCT?)

FILE 'SCISEARCH'

207947 MYOCARDIAL

169023 INFARCT?

L2 124896 MYOCARDIAL INFARCT?

(MYOCARDIAL (W) INFARCT?)

FILE 'LIFESCI'

5901 "MYOCARDIAL"

4648 INFARCT?

L3 1810 MYOCARDIAL INFARCT?

("MYOCARDIAL" (W) INFARCT?)

FILE 'BIOTECHDS'

2942 MYOCARDIAL

2767 INFARCT?

L4 2298 MYOCARDIAL INFARCT?

(MYOCARDIAL (W) INFARCT?)

FILE 'BIOSIS'

196126 MYOCARDIAL

157991 INFARCT?

L5 105478 MYOCARDIAL INFARCT?

(MYOCARDIAL (W) INFARCT?)

FILE 'EMBASE'

166301 "MYOCARDIAL"

175427 INFARCT?

L6 87284 MYOCARDIAL INFARCT?

("MYOCARDIAL" (W) INFARCT?)

FILE 'HCAPLUS'

71603 MYOCARDIAL

44654 INFARCT?

L7 26725 MYOCARDIAL INFARCT?

(MYOCARDIAL (W) INFARCT?)

FILE 'NTIS'

1322 MYOCARDIAL

845 INFARCT?

L8 732 MYOCARDIAL INFARCT?

(MYOCARDIAL (W) INFARCT?)

FILE 'ESBIOBASE'
31455 MYOCARDIAL
26417 INFARCT?
L9 16338 MYOCARDIAL INFARCT?
(MYOCARDIAL (W) INFARCT?)

FILE 'BIOTECHNO'
8104 MYOCARDIAL
7633 INFARCT?
L10 4443 MYOCARDIAL INFARCT?
(MYOCARDIAL (W) INFARCT?)

FILE 'WPIDS'
15962 MYOCARDIAL
15992 INFARCT?
L11 11433 MYOCARDIAL INFARCT?
(MYOCARDIAL (W) INFARCT?)

TOTAL FOR ALL FILES
L12 522872 MYOCARDIAL INFARCT?

=> s src(10a)inhibit?
FILE 'MEDLINE'
18905 SRC
1371784 INHIBIT?
L13 2916 SRC(10A) INHIBIT?

FILE 'SCISEARCH'
18440 SRC
1160769 INHIBIT?
L14 3039 SRC(10A) INHIBIT?

FILE 'LIFESCI'
7096 SRC
381250 INHIBIT?
L15 1186 SRC(10A) INHIBIT?

FILE 'BIOTECHDS'
432 SRC
65289 INHIBIT?
L16 64 SRC(10A) INHIBIT?

FILE 'BIOSIS'
19028 SRC
1563690 INHIBIT?
L17 3651 SRC(10A) INHIBIT?

FILE 'EMBASE'
14225 SRC
1262074 INHIBIT?
L18 2839 SRC(10A) INHIBIT?

FILE 'HCAPLUS'
19065 SRC
1969549 INHIBIT?
L19 3726 SRC(10A) INHIBIT?

FILE 'NTIS'
2085 SRC
22253 INHIBIT?
L20 24 SRC(10A) INHIBIT?

FILE 'ESBIOBASE'
10267 SRC
532981 INHIBIT?

L21 2477 SRC(10A) INHIBIT?

FILE 'BIOTECHNO'

7046 SRC

301415 INHIBIT?

L22 1053 SRC(10A) INHIBIT?

FILE 'WPIDS'

1465 SRC

283611 INHIBIT?

L23 360 SRC(10A) INHIBIT?

TOTAL FOR ALL FILES

L24 21335 SRC(10A) INHIBIT?

=> s l12 and l24

FILE 'MEDLINE'

L25 7 L1 AND L13

FILE 'SCISEARCH'

L26 12 L2 AND L14

FILE 'LIFESCI'

L27 0 L3 AND L15

FILE 'BIOTECHDS'

L28 1 L4 AND L16

FILE 'BIOSIS'

L29 16 L5 AND L17

FILE 'EMBASE'

L30 5 L6 AND L18

FILE 'HCAPLUS'

L31 15 L7 AND L19

FILE 'NTIS'

L32 0 L8 AND L20

FILE 'ESBIOBASE'

L33 7 L9 AND L21

FILE 'BIOTECHNO'

L34 0 L10 AND L22

FILE 'WPIDS'

L35 24 L11 AND L23

TOTAL FOR ALL FILES

L36 87 L12 AND L24

=> s pp1 or pp2 or agl1872 or agl 1872 or 172889-26-8 or 172889-27-9

FILE 'MEDLINE'

1837 PP1

826 PP2

2 AGL1872

197 AGL

749 1872

0 AGL 1872

(AGL(W) 1872)

0 172889-26-8

0 172889-27-9

L37 2575 PP1 OR PP2 OR AGL1872 OR AGL 1872 OR 172889-26-8 OR 172889-27-9

FILE 'SCISEARCH'

1893 PP1
 863 PP2
 2 AGL1872
 581 AGL
 793 1872
 0 AGL 1872
 (AGL(W)1872)
 0 172889-26-8
 0 172889-27-9

L38 2654 PP1 OR PP2 OR AGL1872 OR AGL 1872 OR 172889-26-8 OR 172889-27-9

FILE 'LIFESCI'

738 PP1
 279 PP2
 0 AGL1872
 59 "AGL"
 283 "1872"
 0 AGL 1872
 ("AGL" (W) "1872")
 0 172889-26-8
 0 172889-27-9

L39 985 PP1 OR PP2 OR AGL1872 OR AGL 1872 OR 172889-26-8 OR 172889-27-9

FILE 'BIOTECHDS'

70 PP1
 41 PP2
 0 AGL1872
 26 AGL
 34 1872
 0 AGL 1872
 (AGL(W)1872)
 0 172889-26-8
 0 172889-27-9

L40 92 PP1 OR PP2 OR AGL1872 OR AGL 1872 OR 172889-26-8 OR 172889-27-9

FILE 'BIOSIS'

2261 PP1
 1271 PP2
 3 AGL1872
 220 AGL
 1350 1872
 1 AGL 1872
 (AGL(W)1872)
 0 172889-26-8
 0 172889-27-9

L41 3395 PP1 OR PP2 OR AGL1872 OR AGL 1872 OR 172889-26-8 OR 172889-27-9

FILE 'EMBASE'

1734 PP1
 779 PP2
 2 AGL1872
 201 "AGL"
 326 "1872"
 1 AGL 1872
 ("AGL" (W) "1872")
 0 172889-26-8
 0 172889-27-9

L42 2446 PP1 OR PP2 OR AGL1872 OR AGL 1872 OR 172889-26-8 OR 172889-27-9

FILE 'HCAPLUS'

2293 PP1
 1023 PP2
 3 AGL1872
 790 AGL

828 1872
2 AGL 1872
 (AGL(W)1872)
79 172889-26-8
89 172889-27-9
L43 3208 PP1 OR PP2 OR AGL1872 OR AGL 1872 OR 172889-26-8 OR 172889-27-9

FILE 'NTIS'

22 PP1
4 PP2
0 AGL1872
116 AGL
66 1872
0 AGL 1872
 (AGL(W)1872)
0 172889-26-8
0 172889-27-9
L44 26 PP1 OR PP2 OR AGL1872 OR AGL 1872 OR 172889-26-8 OR 172889-27-9

FILE 'ESBIOBASE'

1506 PP1
692 PP2
2 AGL1872
99 AGL
186 1872
0 AGL 1872
 (AGL(W)1872)
0 172889
90448 26
470928 8
0 172889-26-8
 (172889(W)26(W)8)
0 172889
86327 27
359092 9
0 172889-27-9
 (172889(W)27(W)9)
L45 2134 PP1 OR PP2 OR AGL1872 OR AGL 1872 OR 172889-26-8 OR 172889-27-9

FILE 'BIOTECHNO'

768 PP1
180 PP2
1 AGL1872
50 AGL
57 1872
0 AGL 1872
 (AGL(W)1872)
0 172889-26-8
0 172889-27-9
L46 925 PP1 OR PP2 OR AGL1872 OR AGL 1872 OR 172889-26-8 OR 172889-27-9

FILE 'WPIDS'

287 PP1
156 PP2
3 AGL1872
88 AGL
58 1872
0 AGL 1872
 (AGL(W)1872)
0 172889
461103 26
1973457 8
0 172889-26-8
 (172889(W)26(W)8)
0 172889

261939 27

1493291 9

0 172889-27-9

(172889(W)27(W)9)

L47 330 PP1 OR PP2 OR AGL1872 OR AGL 1872 OR 172889-26-8 OR 172889-27-9

TOTAL FOR ALL FILES

L48 18770 PP1 OR PP2 OR AGL1872 OR AGL 1872 OR 172889-26-8 OR 172889-27-9

=> s 148 and 112

FILE 'MEDLINE'

L49 7 L37 AND L1

FILE 'SCISEARCH'

L50 9 L38 AND L2

FILE 'LIFESCI'

L51 0 L39 AND L3

FILE 'BIOTECHDS'

L52 2 L40 AND L4

FILE 'BIOSIS'

L53 7 L41 AND L5

FILE 'EMBASE'

L54 4 L42 AND L6

FILE 'HCAPLUS'

L55 8 L43 AND L7

FILE 'NTIS'

L56 0 L44 AND L8

FILE 'ESBIOBASE'

L57 3 L45 AND L9

FILE 'BIOTECHNO'

L58 0 L46 AND L10

FILE 'WPIDS'

L59 9 L47 AND L11

TOTAL FOR ALL FILES

L60 49 L48 AND L12

=> s (136 or 160) not 2003-2007/py

FILE 'MEDLINE'

3000978 2003-2007/PY

(20030000-20079999/PY)

L61 4 (L25 OR L49) NOT 2003-2007/PY

FILE 'SCISEARCH'

5539648 2003-2007/PY

(20030000-20079999/PY)

L62 7 (L26 OR L50) NOT 2003-2007/PY

FILE 'LIFESCI'

620932 2003-2007/PY

L63 0 (L27 OR L51) NOT 2003-2007/PY

FILE 'BIOTECHDS'

123361 2003-2007/PY

L64 0 (L28 OR L52) NOT 2003-2007/PY

FILE 'BIOSIS'
 2638450 2003-2007/PY
 L65 8 (L29 OR L53) NOT 2003-2007/PY

FILE 'EMBASE'
 2642520 2003-2007/PY
 L66 5 (L30 OR L54) NOT 2003-2007/PY

FILE 'HCAPLUS'
 5863432 2003-2007/PY
 L67 3 (L31 OR L55) NOT 2003-2007/PY

FILE 'NTIS'
 75810 2003-2007/PY
 L68 0 (L32 OR L56) NOT 2003-2007/PY

FILE 'ESBIOBASE'
 1553428 2003-2007/PY
 L69 5 (L33 OR L57) NOT 2003-2007/PY

FILE 'BIOTECHNO'
 122467 2003-2007/PY
 L70 0 (L34 OR L58) NOT 2003-2007/PY

FILE 'WPIDS'
 4882232 2003-2007/PY
 L71 2 (L35 OR L59) NOT 2003-2007/PY

TOTAL FOR ALL FILES
 L72 34 (L36 OR L60) NOT 2003-2007/PY

=> dup rem l72
 PROCESSING COMPLETED FOR L72
 L73 15 DUP REM L72 (19 DUPLICATES REMOVED)

=> d tot

L73 ANSWER 1 OF 15 MEDLINE on STN DUPLICATE 1
 TI Role of Src protein tyrosine kinases in late preconditioning against myocardial infarction.
 SO American journal of physiology. Heart and circulatory physiology, (2002 Aug) Vol. 283, No. 2, pp. H549-56.
 Journal code: 100901228. ISSN: 0363-6135.
 AU Dawn Buddhadeb; Takano Hitoshi; Tang Xian-Liang; Kodani Eitaro; Banerjee Supratim; Rezazadeh Arash; Qiu Yumin; Bolli Roberto
 AN 2002378004 MEDLINE

L73 ANSWER 2 OF 15 Elsevier BIOBASE COPYRIGHT 2007 Elsevier Science B.V. on STN
 AN 2002167764 ESBIOBASE
 TI Role of Src protein tyrosine kinases in late preconditioning against myocardial infarction
 AU Dawn B.; Takano H.; Tang X.-L.; Kodani E.; Banerjee S.; Rezazadeh A.; Qiu Y.; Bolli R.
 CS R. Bolli, Division of Cardiology, Univ. of Louisville, Louisville, KY 40292, United States.
 E-mail: rbolli@louisville.edu
 SO American Journal of Physiology - Heart and Circulatory Physiology, (2002), 282/8 52-2 (H549-H556), 43 reference(s)
 CODEN: AJPPDI ISSN: 0363-6135
 DT Journal; Article
 CY United States
 LA English
 SL English

L73 ANSWER 3 OF 15 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 TI Cardioprotection by blockade of Src activity in models of acute
 myocardial infarction.
 SO Circulation, (November 5 2002) Vol. 106, No. 19 Supplement, pp. II-314.
 print.
 Meeting Info.: Abstracts from Scientific Sessions. Chicago, IL, USA.
 November 17-20, 2002. American Heart Association.
 ISSN: 0009-7322 (ISSN print).
 AU Weber, Alberto [Reprint Author]; Kirchmair, Rudolf [Reprint Author];
 Bosch-Marce, Marta [Reprint Author]; Yoon, Young-sup [Reprint Author];
 Wecker, Andrea [Reprint Author]; Kearney, Marianne [Reprint Author];
 Hanley, Allison [Reprint Author]; Ma, Hong [Reprint Author]; Cheresh,
 David; Losordo, Douglas W. [Reprint Author]
 AN 2003:77573 BIOSIS

L73 ANSWER 4 OF 15 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights
 reserved on STN
 TI Role of Src protein tyrosine kinases in late preconditioning against
 myocardial infarction.
 SO American Journal of Physiology - Heart and Circulatory Physiology, (2002)
 Vol. 283, No. 2 52-2, pp. H549-H556.
 Refs: 43
 ISSN: 0363-6135 CODEN: AJPPDI
 AU Dawn B.; Takano H.; Tang X.-L.; Kodani E.; Banerjee S.; Rezazadeh A.; Qiu
 Y.; Bolli R.
 AN 2002263896 EMBASE

L73 ANSWER 5 OF 15 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 TI Quercetin inhibits Shc- and phosphatidylinositol 3-kinase-mediated c-Jun
 N-terminal kinase activation by angiotensin II in cultured rat aortic
 smooth muscle cells.
 SO Molecular Pharmacology, (October, 2001) Vol. 60, No. 4, pp. 656-665.
 print.
 CODEN: MOPMA3. ISSN: 0026-895X.
 AU Yoshizumi, Masanori [Reprint author]; Tsuchiya, Koichiro; Kirima,
 Kazuyoshi; Kyaw, Moe; Suzaki, Yuki; Tamaki, Toshiaki
 AN 2001:491747 BIOSIS

L73 ANSWER 6 OF 15 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 TI Identification of a non-Src/EGF receptor tyrosine kinase as an integral
 component of opioid-induced cardioprotection.
 SO FASEB Journal, (March 7, 2001) Vol. 15, No. 4, pp. A569. print.
 Meeting Info.: Annual Meeting of the Federation of American Societies for
 Experimental Biology on Experimental Biology 2001. Orlando, Florida, USA.
 March 31-April 04, 2001.
 CODEN: FAJOEC. ISSN: 0892-6638.
 AU Fryer, Ryan M. [Reprint author]; Wang, Yigang [Reprint author]; Hsu, Anna
 K. [Reprint author]; Gross, Garrett [Reprint author]
 AN 2001:312229 BIOSIS

L73 ANSWER 7 OF 15 MEDLINE on STN DUPLICATE 2
 TI Dependence of delta1-opioid receptor-induced cardioprotection on a
 tyrosine kinase-dependent but not a Src-dependent pathway.
 SO The Journal of pharmacology and experimental therapeutics, (2001 Nov) Vol.
 299, No. 2, pp. 477-82.
 Journal code: 0376362. ISSN: 0022-3565.
 AU Fryer R M; Wang Y; Hsu A K; Nagase H; Gross G J
 AN 2001555907 MEDLINE

L73 ANSWER 8 OF 15 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on
 STN
 TI Isoproterenol and cAMP regulation of the human brain natriuretic peptide
 gene involves Src and Rac
 SO AMERICAN JOURNAL OF PHYSIOLOGY-ENDOCRINOLOGY AND METABOLISM, (JUN 2000)
 Vol. 278, No. 6, pp. E1115-E1123.

ISSN: 0193-1849.

AU He Q; Wu G Y; Lapointe M C (Reprint)
AN 2000:447049 SCISEARCH

L73 ANSWER 9 OF 15 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI New imidazoquinoxaline compounds inhibit protein tyrosine kinases - used to treat e.g. immunological disorders

PI WO 9909845 A1 19990304 (199916)* EN 315[0]

RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL
OA PT SD SE SZ UG ZW

W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE
GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ
VN YU ZW

AU 9886817 A 19990316 (199930) EN

ZA 9807649 A 20000426 (200027) EN 353

US 6235740 B1 20010522 (200130) EN

IN BARRISH J C; CHEN P; DAS J; IWANOWICZ E J; NORRIS D J; PADMANABHA R;
ROBERGE J Y; SCHIEVEN G L

L73 ANSWER 10 OF 15 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on
STN DUPLICATE 3

TI Demonstration of selective protein kinase C-dependent activation of Src and Lck tyrosine kinases during ischemic preconditioning in conscious rabbits

SO CIRCULATION RESEARCH, (17 SEP 1999) Vol. 85, No. 6, pp. 542-550.
ISSN: 0009-7330.

AU Ping P P (Reprint); Zhang J; Zheng Y T; Li R C X; Dawn B; Tang X L; Takano H; Balafanova Z; Bolli R

AN 1999:730635 SCISEARCH

L73 ANSWER 11 OF 15 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Treating cardiovascular disease by administering phosphatase inhibitor - after onset of ischaemia for treating heart attack or susceptibility to it

PI WO 9814606 A1 19980409 (199821)* EN 40[10]

RW: AT BE CH DE DK EA ES FI FR GB GR IE IT LU MC NL OA PT SE

W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH
HU ID IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

AU 9747536 A 19980424 (199835) EN

US 5914242 A 19990622 (199931) EN

IN DOWNEY J M; HONKANEN R E

L73 ANSWER 12 OF 15 MEDLINE on STN DUPLICATE 4

TI Fostriecin, an inhibitor of protein phosphatase 2A, limits myocardial infarct size even when administered after onset of ischemia.

SO Circulation, (1998 Sep 1) Vol. 98, No. 9, pp. 899-905.
Journal code: 0147763. ISSN: 0009-7322.

AU Weinbrenner C; Baines C P; Liu G S; Armstrong S C; Ganote C E; Walsh A H; Honkanen R E; Cohen M V; Downey J M

AN 1998409025 MEDLINE

L73 ANSWER 13 OF 15 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on
STN DUPLICATE 5

TI Protein phosphatase inhibitors calyculin A and fostriecin protect rabbit cardiomyocytes in late ischemia

SO JOURNAL OF MOLECULAR AND CELLULAR CARDIOLOGY, (JAN 1998) Vol. 30, No. 1, pp. 61-73.

ISSN: 0022-2828.

AU Armstrong S C (Reprint); Gao W; Lane J R; Ganote C E

AN 1998:169026 SCISEARCH

L73 ANSWER 14 OF 15 MEDLINE on STN DUPLICATE 6
TI Relation of pulse pressure and blood pressure reduction to the incidence of myocardial infarction.
SO Hypertension, (1994 Mar) Vol. 23, No. 3, pp. 395-401.
Journal code: 7906255. ISSN: 0194-911X.
AU Madhavan S; Ooi W L; Cohen H; Alderman M H
AN 94171330 MEDLINE

L73 ANSWER 15 OF 15 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
TI [Improved detection of acute myocardial infarction by means of combined Thallium-201/Technetium-99m-PPI-tomography compared to planar infarction imaging].
VERBESSERTER NACHWEIS DES AKUTEN MYOKARDINFARKTES MIT DER KOMBINIERTEN SIMULTANEN THALLIUM-201/TECHNETIUM-99M-PPI-TOMOGRAPHIE IM VERGLEICH ZUR PLANAREN INFARKTSZINTIGRAPHIE.
SO Zeitschrift fur Kardiologie, (1989) Vol. 78, No. 3, pp. 161-166.
ISSN: 0300-5860 CODEN: ZKRDAX
AU Krause T.; Kasper W.; Schumichen C.; Meinertz T.; Joseph A.; Just H.
AN 1989095389 EMBASE

=> d ab 1-4

L73 ANSWER 1 OF 15 MEDLINE on STN DUPLICATE 1
AB Although Src protein tyrosine kinases (PTKs) have been shown to be essential in late preconditioning (PC) against myocardial stunning, their role in triggering versus mediating late PC against myocardial infarction remains unclear. Four groups of conscious rabbits were subjected to a 30-min coronary occlusion on day 2, with or without PC ischemia on day 1. Administration of the Src PTK inhibitor lavendustin A (LD-A; 1 mg/kg iv) before the PC ischemia on day 1 (group III, n = 7) failed to block the delayed protective effect against myocardial infarction 24 h later. Late PC against infarction, however, was completely abrogated when LD-A was given 24 h after the PC ischemia, prior to the 30-min occlusion on day 2 (group IV, n = 8). We conclude that, in conscious rabbits, Src PTK activity is necessary for the mediation of late PC protection against myocardial infarction on day 2, but not for the initiation of this phenomenon on day 1. Taken together with previous studies in the setting of stunning, these findings reveal heretofore unrecognized differences in the roles of Src PTKs in late PC against stunning versus late PC against infarction.

L73 ANSWER 2 OF 15 Elsevier BIOBASE COPYRIGHT 2007 Elsevier Science B.V. on STN
AB Although Src protein tyrosine kinases (PTKs) have been shown to be essential in late preconditioning (PC) against myocardial stunning, their role in triggering versus mediating late PC against myocardial infarction remains unclear. Four groups of conscious rabbits were subjected to a 30-min coronary occlusion on day 2, with or without PC ischemia on day 1. Administration of the Src PTK inhibitor lavendustin A (LD-A; 1 mg/kg iv) before the PC ischemia on day 1 (group III, n = 7) failed to block the delayed protective effect against myocardial infarction 24 h later. Late PC against infarction, however, was completely abrogated when LD-A was given 24 h after the PC ischemia, prior to the 30-min occlusion on day 2 (group IV, n = 8). We conclude that, in conscious rabbits, Src PTK activity is necessary for the mediation of late PC protection against myocardial infarction on day 2, but not for the initiation of this phenomenon on day 1. Taken together with previous studies in the setting of stunning, these findings reveal heretofore unrecognized differences in the roles of Src PTKs in late PC against stunning versus late PC against infarction.

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L73 ANSWER 4 OF 15 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN

AB Although Src protein tyrosine kinases (PTKs) have been shown to be essential in late preconditioning (PC) against myocardial stunning, their role in triggering versus mediating late PC against myocardial infarction remains unclear. Four groups of conscious rabbits were subjected to a 30-min coronary occlusion on day 2, with or without PC ischemia on day 1. Administration of the Src PTK inhibitor lavendustin A (LD-A; 1 mg/kg iv) before the PC ischemia on day 1 (group III, n = 7) failed to block the delayed protective effect against myocardial infarction 24 h later. Late PC against infarction, however, was completely abrogated when LD-A was given 24 h after the PC ischemia, prior to the 30-min occlusion on day 2 (group IV, n = 8). We conclude that, in conscious rabbits, Src PTK activity is necessary for the mediation of late PC protection against myocardial infarction on day 2, but not for the initiation of this phenomenon on day 1. Taken together with previous studies in the setting of stunning, these findings reveal heretofore unrecognized differences in the roles of Src PTKs in late PC against stunning versus late PC against infarction.

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

73.12

73.33

STN INTERNATIONAL LOGOFF AT 10:51:10 ON 15 OCT 2007